

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
 Data File : VN080430.D
 Acq On : 12 Dec 2023 10:09
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 13 01:26:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:22:48 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/13/2023
 Supervised By : Mahesh Dadoda 12/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	328503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	516209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	447059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	215001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	433592	103.341	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 206.680%#			
35) Dibromofluoromethane	8.165	113	339846	103.834	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 207.660%#			
50) Toluene-d8	10.565	98	1259910	103.216	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 206.440%#			
62) 4-Bromofluorobenzene	12.847	95	464262	100.162	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 200.320%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	430257	102.491	ug/l	98
3) Chloromethane	2.359	50	449975	99.983	ug/l	98
4) Vinyl Chloride	2.512	62	368288	102.726	ug/l	98
5) Bromomethane	2.942	94	147812	91.447	ug/l	97
6) Chloroethane	3.118	64	218960	94.985	ug/l	100
7) Trichlorofluoromethane	3.495	101	732248	100.701	ug/l	100
8) Diethyl Ether	3.953	74	234367	102.327	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	350404	101.668	ug/l	95
10) Methyl Iodide	4.583	142	314730	103.818	ug/l	94
11) Tert butyl alcohol	5.500	59	228464	462.345	ug/l	99
12) 1,1-Dichloroethene	4.336	96	348347	98.641	ug/l	87
13) Acrolein	4.171	56	253194	467.878	ug/l	96
14) Allyl chloride	5.018	41	438304	100.314	ug/l	97
15) Acrylonitrile	5.712	53	693371	496.604	ug/l	99
16) Acetone	4.412	43	423781	569.635	ug/l	99
17) Carbon Disulfide	4.706	76	981896	98.109	ug/l	100
18) Methyl Acetate	5.012	43	475638	99.362	ug/l	96
19) Methyl tert-butyl Ether	5.783	73	1193407	101.289	ug/l	100
20) Methylene Chloride	5.271	84	382831	96.156	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	379996	99.237	ug/l	86
22) Diisopropyl ether	6.665	45	940841	99.768	ug/l	94
23) Vinyl Acetate	6.594	43	2721338	502.448	ug/l	94
24) 1,1-Dichloroethane	6.565	63	652973	99.244	ug/l	99
25) 2-Butanone	7.477	43	715577	499.300	ug/l	94
26) 2,2-Dichloropropane	7.488	77	676625	100.571	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	429222	99.027	ug/l	91
28) Bromochloromethane	7.812	49	254625	100.794	ug/l	100
29) Tetrahydrofuran	7.830	42	475699	463.526	ug/l	93
30) Chloroform	7.965	83	723324	99.041	ug/l	95
31) Cyclohexane	8.253	56	523124	91.683	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	709989	99.289	ug/l	95
36) 1,1-Dichloropropene	8.371	75	545357	101.907	ug/l	96
37) Ethyl Acetate	7.553	43	324151	96.729	ug/l	98
38) Carbon Tetrachloride	8.359	117	647260	101.222	ug/l	100
39) Methylcyclohexane	9.600	83	560387	100.800	ug/l	92
40) Benzene	8.600	78	1522301	98.509	ug/l	99

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41) Methacrylonitrile	7.777	41	193703	100.263	ug/l	93
42) 1,2-Dichloroethane	8.671	62	568483	99.341	ug/l	97
43) Isopropyl Acetate	8.682	43	591856	98.226	ug/l	98
44) Trichloroethene	9.347	130	410669	98.576	ug/l	96
45) 1,2-Dichloropropane	9.618	63	356209	98.143	ug/l	96
46) Dibromomethane	9.706	93	254142	97.504	ug/l #	88
47) Bromodichloromethane	9.888	83	573866	102.729	ug/l	98
48) Methyl methacrylate	9.676	41	347112	96.535	ug/l	91
49) 1,4-Dioxane	9.694	88	96786	1775.850	ug/l #	90
51) 4-Methyl-2-Pentanone	10.441	43	1554412	468.414	ug/l	100
52) Toluene	10.629	92	964075	98.754	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	626259	103.617	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	654284	101.280	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	342914	97.621	ug/l	98
56) Ethyl methacrylate	10.871	69	390029	100.289	ug/l #	91
57) 1,3-Dichloropropane	11.165	76	599568	97.367	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	1272140	518.148	ug/l	98
59) 2-Hexanone	11.194	43	1126146	459.681	ug/l	99
60) Dibromochloromethane	11.359	129	422300	101.455	ug/l	99
61) 1,2-Dibromoethane	11.470	107	354958	97.635	ug/l	100
64) Tetrachloroethene	11.106	164	342937	99.353	ug/l	98
65) Chlorobenzene	11.888	112	1009494	101.508	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	394454	101.084	ug/l	94
67) Ethyl Benzene	11.965	91	1867062	102.102	ug/l	97
68) m/p-Xylenes	12.070	106	1376834	203.759	ug/l	90
69) o-Xylene	12.400	106	661429	100.076	ug/l	91
70) Styrene	12.412	104	996973	104.722	ug/l	94
71) Bromoform	12.576	173	281108	98.784	ug/l #	100
73) Isopropylbenzene	12.694	105	1742354	100.880	ug/l	98
74) N-amyl acetate	12.494	43	495915	98.325	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	420007	90.751	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	385630m	82.301	ug/l	
77) Bromobenzene	12.982	156	413515	97.325	ug/l	96
78) n-propylbenzene	13.035	91	1963676	103.118	ug/l	99
79) 2-Chlorotoluene	13.123	91	1236736	99.477	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	1501161	100.917	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	156544	95.827	ug/l #	80
82) 4-Chlorotoluene	13.223	91	1279689	100.141	ug/l	95
83) tert-Butylbenzene	13.441	119	1225938	100.633	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	1512848	102.232	ug/l	98
85) sec-Butylbenzene	13.617	105	1587954	101.899	ug/l	100
86) p-Isopropyltoluene	13.729	119	1458653	103.665	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	738578	98.663	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	740158	97.950	ug/l	98
89) n-Butylbenzene	14.059	91	1241601	105.663	ug/l	99
90) Hexachloroethane	14.335	117	229479	102.692	ug/l	71
91) 1,2-Dichlorobenzene	14.106	146	685502	96.435	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	91057	93.537	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	406138	102.905	ug/l	97
94) Hexachlorobutadiene	15.500	225	204180	90.873	ug/l	99
95) Naphthalene	15.641	128	1196707	99.853	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	384410	100.933	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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